```
<110>
        Josel, Hans-Peter
       Finke, Andreas
       Herrmann, Rupert
       Noss, Eva
Marschall, Andreas
       Sèidel, Christoph
       OLIGOMERIC CARRIER MOLECULES WITH DEFINED INCORPORATED MARKER GROUPS AND
<120>
HAPTENS
<130>
        9793X116
$140<u>></u>
      08/776190
71997-01<del>-</del>24
<141>
×150≠
251≠
        PCT/EP95/02915
1995-07-24
<150>
        PCT/DEP4426276.0
<151>
        1994-07-25
<150>
        PCT/DE4430998.8
        1994-08-31
<151>
        PCT/DE4430973.2
<150>
<151>
        1994-08-31
       PCT/DE4439345.8
<150>
<151>
       1994-11-04
€160>
<170>
       PatentIn version 3.1
<210>
<211>
       17
<212>
       PRT
       Artificial
<213>
<220>
<223>
       conjugate peptide
<220>
<221>
       MISC_FEATURE
<222>
        (1)..(2)
<223>
       BPRu
<220>
<221>
       MOD_RES
<222>
        (2)..(2)
<223>
       U=F-moc-beta-Alanine-OH
<220>
<221>
<222>
       MOD_RES
        (4)..(4)
<223>
       U=F-moc-beta-Alanine-OH
<220>
                                             Page 1
```

Seq. Listing.ST25

SEQUENCE LISTING

M 23 W

```
<221> MOD_RES <222> (6)..(6
        (6)..(6)
<223> U=F-moc-beta-Alanine-OH
<220>
<221>
       MOD_RES
<222>
        (8)..(8)
<223>
        U=F-moc-beta-Alanine-OH
<220>
<221>
       MOD_RES (10)..(10)
<222>
<223>
       U=F-moc-beta-Alanine-OH
<220>
<221>
       MOD_RES
<222>
        (12)..(12)
<223>
       U=F-moc-beta-Alanine-OH
<220>
<221>
<222>
       MOD_RES
        (14)..(14)
<223>
        U=F-moc-beta-Alanine-OH
<220>
<221>
<222>
       MOD_RES
        (16)..(16)
       U=F-moc-beta-Alanine-OH
<223>
<220>
<221>
       MISC_FEATURE
<222>
      (7)..(8)
<223>
<220>
<221>
       MISC_FEATURE
<222>
<223>
        (13)..(14)
        BPRu
<220>
<221>
<222>
       MISC_FEATURE
       (<u>9</u>)..()
<223>
      E2
<400>
Lys Ala Glu Ala Glu Ala Lys Ala Glu Ala Glu Ala Lys Ala Glu Ala
```

Lys

Seq. Listing.ST25

```
<210> 2
<211> 14
<212> PRT
<213> Artificial
<220>
<223> conjugate peptide
<220>
<221>
        MISC_FEATURE
<222>
        (1)..(2)
<223> BPRu
<220>
<221>
         MISC_FEATURE
<222> (7)..(8)
<223> E2
<220>
<221> MISC_FEATURE
<222> (13)..(14)
<223> BPRU
<220>
<221>
        MOD_RES
<222>
        (2)..(2)
<223>
        U=F-moc-beta-Alanine-OH
<220>
<221>
<222>
        MOD_RES
        (4)..(4)
<223>
        U=F-moc-beta-Alanine-OH
<220>
<221> MOD_RES
<222> (6)..(6)
<223> U=F-moc
        (6)..(6)
U=F-moc-beta-Alanine-OH
<220>
<221> MOD_RES
<222>
        (8)..(8)
<223>
        U=F-moc-beta-Alanine-OH
<220>
<221> MOD_RES
<222> (10)..(10)
<223> U=F-moc-beta-Alanine-OH
<220>
<221>
<222>
        MOD_RES
(12)..(12)
<223> U=F-moc-beta-Alanine-OH
```

Page 3

<220>

_Seq. Listing.ST25

<221> MOD_RES <222> (14)..(14) <223> U=F-moc-beta-Alanine-OH

<400> 2

Lys Ala Glu Ala Glu Ala Glu Ala Glu Ala Lys Ala $1 \ \ \, 5 \ \ \, 10$